

S E C R E T 220513Z

SECRET

OUT 50840

22 MAR 1963

CORONA - M/J

HHS
CS 25X1

CFC

FILE

1963 MAR 22 0536Z

1. [] HAS TESTED SAMPLE DATA BLOCK IMAGES TO DETERMINE READABILITY BY [] READER. CONCLUSIONS, REF A PARA 4 AND 5, ARE RESTATED AS FOLLOWS:

A. UNDER REGULAR OPERATIONS DP IS EITHER GIVEN INTERMEDIATE OR FULL DEVELOPMENT, THUS IT CAN BE SEEN THAT A MINIMUM ON DENSITY DIFFERENCE BETWEEN DOT AND BASE IS ABOUT 1.5 AND THAT A GREATER DIFFERENCE IS PREFERABLE IN CASE INTERMEDIATE PROCESSING BASED ON IMAGE FORMAT DICTATION, IS USED. NOTE THAT AT FULL PROCESSING OF ON NO. 4 POSITION DENSITY DIFFERENCE FROM BASE IS ABOUT 1.35 AND NO. 4 COULD NOT BE READ BY DBR WHILE NO. 19 POSITION COULD BE FOR INTERMEDIATE OR FULL.

B. UNIFORMITY OF DOTS ON TEST NOT AS GOOD AS MANY OPERATIONAL IMAGES. [] DESIGNING NEW DBR TO BE MORE VERSATILE IN ACCOMODATING FLUCTUATIONS IN DOT IMAGES. BLOOMING NO PROBLEM PROVIDED DOTS DO NOT MERGE.

2. REF B IS [] COMMENTS ON ADDITIONAL TEST OF SAMPLE MATERIAL. COMMENTS ARE:

A. SAMPLE DATA BLOCK FROM CAMERA NO. 113 WITH LARGER DIAMETER DOTS IS AN IMPROVEMENT.

B. [] PREFERS THESE LARGER DOTS.

3. [] CANNOT SPEAK FOR [] DATA BLOCK READER REQUIREMENTS.

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GROUP 1
Excluded from automatic
downgrading and
declassification